

IN THE CLAIMS

Please amend the claims as follows:

Claim 1. (Currently Amended) A digital camera having a normal shooting mode and a text shooting mode, comprising:

an image pickup unit which captures an image of a subject and converts the image into image data;

a compressing unit which generates compressed image data by compressing the image data outputted from said image pickup unit;

a storage unit which stores the compressed image data;

a decompressing unit which decompresses the compressed image data;

a switching unit which switches the normal shooting mode to the text shooting mode and vice versa; and

an image processing unit which performs image processing to the image data,

wherein, after said decompressing unit decompresses the compressed image data of an image captured in the text shooting mode and stored in said storage unit, the image processing unit effects image processing appropriate to a transmission destination to resulting decompressed image data, ~~and~~

the image processing unit detects a shooting angle of the digital camera with respect to the subject, and

in the text shooting mode, said storage unit stores shooting condition data in a one-to-one correspondence with the compressed image data, and the image processing unit effects the image processing to the image data based on said shooting condition data.

Claim 2. (Canceled).

Claim 3. (Original) The digital camera according to claim 1, further comprising a data communication unit which allows a data communication with an external device.

Claim 4. (Original) The digital camera according to claim 3, further comprising:
a memory which stores name and/or telephone number and/or address of a destination, and an image deleting flag that specifies whether the image data should be deleted or not after transmission in a one-to-one correspondence; and
a deleting unit which deletes the image data that has been transmitted through said data communication unit in accordance with the image deleting flag stored in said memory.

Claim 5. (Original) The digital camera according to claim 3, further comprising a deleting unit which deletes the image data that has been transmitted through said data communication unit depending on a transmission destination.

Claim 6. (Original) The digital camera according to claim 4, wherein a manipulator is allowed to arbitrarily set a content of said memory.

Claim 7. (Currently Amended) A digital camera having a normal shooting mode and a text shooting mode, comprising:

an image pickup unit which captures an image of a subject and converts the image into image data;

a switching unit which switches the normal shooting mode to the text shooting mode and vice versa; and

an image processing unit which performs image processing appropriate to a transmission destination to the image data of an image captured in the text shooting mode, wherein

the image processing unit detects a shooting angle of the digital camera with respect to the subject, and

in the text shooting mode, a storage unit stores shooting condition data in a one-to-one correspondence along with the compressed image data, and the image processing unit effects the image processing to the image data based on said shooting condition data.

Claim 8. (Currently Amended) The digital camera according to claim [[6]] 7, further comprising a data communication unit which allows a data communication with an external device.

Claim 9. (Original) The digital camera according to claim 8, further comprising:
a memory which stores name and/or telephone number and/or address of a destination, and an image deleting flag that specifies whether the image data should be deleted or not after transmission in a one-to-one correspondence; and
a deleting unit which deletes the image data that has been transmitted through said data communication unit in accordance with the image deleting flag stored in said memory.

Claim 10. (Original) The digital camera according to claim 8, further comprising a deleting unit which deletes the image data that has been transmitted through said data communication unit depending on a transmission destination.

Claim 11. (Original) The digital camera according to claim 9, wherein a manipulator is allowed to arbitrarily set a content of said memory.

Claim 12. (Currently Amended) A digital camera having a normal shooting mode and a text shooting mode, comprising:

an image pickup unit which captures an image of a subject and converts the image into image data;

a compressing unit which generates compressed image data by compressing the image data outputted from said image pickup unit;

a storage unit which stores the compressed image data;

a decompressing unit which decompresses the compressed image data;

a switching unit which switches the normal shooting mode to the text shooting mode and vice versa; and

an image processing unit which performs image processing to the image data,

wherein, after said decompressing unit decompresses the compressed image data of an image captured in the text shooting mode and stored in said storage unit, the image processing unit effects processing including clipping, small-step gray scaling, and resolution changing to resulting decompressed image data, and further recompresses resulting processed image data, and

the image processing unit detects a shooting angle of the digital camera with respect to the subject, and

in the text shooting mode, said storage unit stores shooting condition data in a one-to-one correspondence with the compressed image data, and the image processing unit effects the image processing to the image data based on said shooting condition data.

Claim 13. (Canceled).

Claim 14. (Original) The digital camera according to claim 12, further comprising a data communication unit which allows a data communication with an external device.

Claim 15. (Original) The digital camera according to claim 14, further comprising:
a memory which stores name and/or telephone number and/or address of a destination, and an image deleting flag that specifies whether the image data should be deleted or not after transmission in a one-to-one correspondence; and

a deleting unit which deletes the image data that has been transmitted through said data communication unit in accordance with the image deleting flag stored in said memory.

Claim 16. (Original) The digital camera according to claim 14, further comprising a deleting unit which deletes the image data that has been transmitted through said data communication unit depending on a transmission destination.

Claim 17. (Original) The digital camera according to claim 15, wherein a manipulator is allowed to arbitrarily set a content of said memory.

Claim 18. (Currently Amended) A digital camera having a normal shooting mode and a text shooting mode, comprising:

an image pickup unit which captures an image of a subject and converts the image into image data;

a switching unit which switches the normal shooting mode to the text shooting mode and vice versa; and

an image processing unit which performs processing including clipping, small-step gray scaling, and resolution changing to the image data of an image captured in the text shooting mode, and compresses the obtained image data, wherein

the image processing unit detects a shooting angle of the digital camera with respect to the subject, and

in the text shooting mode, a storage unit stores shooting condition data in a one-to-one correspondence along with the compressed image data, and the image processing unit effects the image processing to the image data based on said shooting condition data.

Claim 19. (Original) The digital camera according to claim 18, further comprising a data communication unit which allows a data communication with an external device.

Claim 20. (Original) The digital camera according to claim 19, further comprising:
a memory which stores name and/or telephone number and/or address of a destination, and an image deleting flag that specifies whether the image data should be deleted or not after transmission in a one-to-one correspondence; and

a deleting unit which deletes the image data that has been transmitted through said data communication unit in accordance with the image deleting flag stored in said memory.

Claim 21. (Original) The digital camera according to claim 19, further comprising a deleting unit which deletes the image data that has been transmitted through said data communication unit depending on a transmission destination.

Claim 22. (Original) The digital camera according to claim 20, wherein a manipulator is allowed to arbitrarily set a content of said memory.

Claim 23. (Currently Amended) A digital camera having a normal shooting mode and a text shooting mode, comprising:

an image pickup unit which captures an image of a subject and converts the image into image data;

a compressing unit which generates compressed image data by compressing the image data outputted from said image pickup unit;

a storage unit which stores the compressed image data;

a decompressing unit which decompresses the compressed image data;

a switching unit which switches the normal shooting mode to the text shooting mode and vice versa; and

an image processing unit which performs image processing to the image data,

wherein, after said decompressing unit decompresses the compressed image data of an image captured in the text shooting mode and stored in said storage unit, the image processing unit effects processing including clipping and small-step gray scaling to resulting decompressed image data, and further effects data processing by means of character recognition to resulting processed image data, and

the image processing unit detects a shooting angle of the digital camera with respect to the subject, and

in the text shooting mode, said storage unit stores shooting condition data in a one-to-one correspondence with the compressed image data, and the image processing unit effects the image processing to the image data based on said shooting condition data.

Claim 24. (Canceled).

Claim 25. (Original) The digital camera according to claim 23, further comprising a data communication unit which allows a data communication with an external device.

Claim 26. (Original) The digital camera according to claim 25, further comprising:
a memory which stores name and/or telephone number and/or address of a destination, and an image deleting flag that specifies whether the image data should be deleted or not after transmission in a one-to-one correspondence; and

a deleting unit which deletes the image data that has been transmitted through said data communication unit in accordance with the image deleting flag stored in said memory.

Claim 27. (Original) The digital camera according to claim 25, further comprising a deleting unit which deletes the image data that has been transmitted through said data communication unit depending on a transmission destination.

Claim 28. (Original) The digital camera according to claim 26, wherein a manipulator is allowed to arbitrarily set a content of said memory.

Claim 29. (Currently Amended) A digital camera having a normal shooting mode and a text shooting mode, comprising:

an image pickup unit which captures an image of a subject and converts the image into image data;

a switching unit which switches the normal shooting mode to the text shooting mode and vice versa; and

an image processing unit which performs processing including clipping and small-step gray scaling to the image data of an image captured in the text shooting mode, and further effecting data processing by means of character recognition to resulting processed image data, wherein

the image processing unit detects a shooting angle of the digital camera with respect to the subject, and

in the text shooting mode, a storage unit stores shooting condition data in a one-to-one correspondence along with the compressed image data, and the image processing unit effects the image processing to the image data based on said shooting condition data.

Claim 30. (Original) The digital camera according to claim 29, further comprising a data communication unit which allows a data communication with an external device.

Claim 31. (Original) The digital camera according to claim 29, further comprising:
a memory which stores name and/or telephone number and/or address of a destination, and an image deleting flag that specifies whether the image data should be deleted or not after transmission in a one-to-one correspondence; and

a deleting unit which deletes the image data that has been transmitted through said data communication unit in accordance with the image deleting flag stored in said memory.

Claim 32. (Original) The digital camera according to claim 30, further comprising a deleting unit which deletes the image data that has been transmitted through said data communication unit depending on a transmission destination.

Claim 33. (Original) The digital camera according to claim 31, wherein a manipulator is allowed to arbitrarily set a content of said memory.

Claim 34. (Previously Presented) A digital camera having a normal shooting mode and a text shooting mode, comprising:

an image pickup unit which captures an image of a subject and converts the image into image data;

a compressing unit which generates compressed image data by compressing the image data outputted from said image pickup unit;

a storage unit which stores the compressed image data;

a switching unit which switches the normal shooting mode to the text shooting mode and vice versa; and

a display unit which displays on a monitor a video of the subject before being shot, wherein, in the text shooting mode, said display unit displays guidance to notify a shooting condition of a text while displaying on the monitor the video of the subject before being shot, and

said display unit controls display and non-display of the guidance on said monitor depending on a transmission destination.

Claim 35. (Original) The digital camera according to claim 34, wherein the guidance includes a frame displayed to make a user aware of an area of a regular size sheet.

Claim 36. (Original) The digital camera according to claim 33, further comprising:

a memory which stores, in a one-to-one correspondence, name and/or telephone number and/or address of a destination, and frame display information that specifies whether or not the guidance should be displayed during shooting,

wherein said display unit controls display and non-display of the guidance in accordance with said frame display information stored in said memory.

Claim 37. (Canceled)

Claim 38. (Original) The digital camera according to claim 36, wherein a manipulator is allowed to arbitrarily set a content of said memory.

Claim 39. (Previously Presented) A digital camera having a normal shooting mode and a text shooting mode, comprising:

an image pickup unit which captures an image of a subject and converts the image into image data;

a switching unit which switches the normal shooting mode to the text shooting mode and vice versa; and

a display unit which displays on a monitor a video of the subject before being shot,

wherein, in the text shooting mode, said display unit displays guidance to notify a shooting condition of a text while displaying on the monitor the video of the subject before being shot, and

said display unit controls display and non-display of the guidance on said monitor depending on a transmission destination.

Claim 40. (Original) The digital camera according to claim 39, wherein the guidance includes a frame displayed to make a user aware of an area of a regular size sheet.

Claim 41. (Original) The digital camera according to claim 39, further comprising:
a memory which stores, in a one-to-one correspondence, name and/or telephone number and/or address of a destination, and frame display information that specifies whether or not the guidance should be displayed during shooting,

wherein said display unit controls display and non-display of the guidance in accordance with said frame display information stored in said memory.

Claim 42. (Canceled)

Claim 43. (Original) The digital camera according to claim 41, wherein a manipulator is allowed to arbitrarily set a content of said memory.

Claim 44. (Previously Presented) A digital camera having a normal shooting mode and a text shooting mode, comprising:

an image pickup unit which captures an image of a subject and converts the image into image data;

a compressing unit which generates compressed image data by compressing the image data outputted from said image pickup unit;

a storage unit which stores the compressed image data;

a switching unit which switches the normal shooting mode to the text shooting mode and vice versa; and

a shooting angle detecting unit which detects a shooting angle of the digital camera with respect to the subject,

wherein, in the text shooting mode, shooting is started when the shooting angle of the digital camera with respect to the subject becomes substantially perpendicular.

Claim 45. (Original) The digital camera according to claim 44, wherein said shooting angle detecting unit detects the shooting angle by recognizing a shape of the subject being shot.

Claim 46. (Previously Presented) A digital camera having a normal shooting mode and a text shooting mode, comprising:

an image pickup unit which captures an image of a subject and converts the image into image data;

a switching unit which switches the normal shooting mode to the text shooting mode and vice versa; and

a shooting angle detecting unit which detects a shooting angle of the digital camera with respect to the subject,

wherein, in the text shooting mode, shooting is started when the shooting angle of the digital camera with respect to the subject becomes substantially perpendicular.

Claim 47. (Original) The digital camera according to claim 46, wherein said shooting angle detecting unit detects the shooting angle by recognizing a shape of the subject being shot.

Claim 48. (Previously Presented) A method of shooting and transferring text using a digital camera, comprising:

monitoring a subject through a display unit at a monitoring command;

displaying guidance on said display unit during the monitoring;

capturing and compressing image data at a shooting command;

storing compressed image data in storage unit;

reading out and decompressing the compressed image data stored in said storage unit at a transmission command;

effecting image processing appropriate to a transmission destination to the decompressed image data; and

transferring the image processing performed image data to the transmission destination, wherein

said display unit controls display and non-display of the guidance on said monitor depending on a transmission destination.

Claim 49. (Previously Presented) A method of shooting and transferring text using a digital camera, comprising:

monitoring a subject through a display unit at a monitoring command;

displaying guidance on said display unit during the monitoring;

capturing image data at a shooting command;

effecting image processing appropriate to a transmission destination to captured image data; and

transferring the image processing performed image data to the transmission destination, wherein

said display unit controls display and non-display of the guidance on said monitor depending on a transmission destination.

Claim 50 (New): The digital camera according to claim 1, wherein
said shooting condition data includes at least one of shooting magnification and guidance frame information.

Claim 51 (New): The digital camera according to claim 7, wherein said shooting condition data includes at least one of shooting magnification and guidance frame information.

Claim 52 (New): The digital camera according to claim 12, wherein said shooting condition data includes at least one of shooting magnification and guidance frame information.

Claim 53 (New): The digital camera according to claim 18, wherein said shooting condition data includes at least one of shooting magnification and guidance frame information.

Claim 54 (New): The digital camera according to claim 23, wherein said shooting condition data includes at least one of shooting magnification and guidance frame information.

Claim 55 (New): The digital camera according to claim 29, wherein said shooting condition data includes at least one of shooting magnification and guidance frame information.